Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3021/2022-23	Date	05.01.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Pallke Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.01.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

JAMIA MASID ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
1	S-01	95.00	190.00	2.00	7085	134.2	18.94	1.00	18.94	23.68	23.8	2.6840	0.00135	1993.94
2	S-02	95.00	190.00	2.00	7085	136.8	19.31	1.00	19.31	24.14		2.7120	0.00135	2014.74
3	S-03	95.00	190.00	2.00	7085	133.4	18.83	1.00	18.83	23.54		2.6340	0.00135	1956.79

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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:080-2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	05.01.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.01.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

BALAJI LAYOUT-2ND MAIN ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
1	S-01	95.00	189.86	2.00	7085	135.8	19.17	1.00	19.17	23.96	24.0	2.6840	0.00135	1995.41
2	S-02	95.00	188.90	1.99	7085	136.4	19.25	1.00	19.23	24.04		2.6920	0.00134	2011.53
3	S-03	95.00	187.80	1.98	7085	136.4	19.25	1.00	19.20	24.00		2.7120	0.00133	2038.34

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing , Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	21.01.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	18.01.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

JAMIA MASID ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
1	S-01	95.00	189.86	2.00	7085	135.8	19.17	1.00	19.17	23.96	24.0	2.6840	0.00135	1995.41
2	S-02	95.00	188.90	1.99	7085	136.4	19.25	1.00	19.23	24.04		2.6920	0.00134	2011.53
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*As furnished by the Client

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For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K'S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	21.01.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	18.01.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

BALAJI LAYOUT-2ND MAIN ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
1	S-01	95.00	189.86	2.00	7085	135.8	19.17	1.00	19.17	23.96	24.2	2.6840	0.00135	1995.41
2	S-02	95.00	188.90	1.99	7085	136.4	19.25	1.00	19.23	24.04		2.6920	0.00134	2011.53
3	S-03	95.00	187.80	1.98	7085	136.4	19.25	1.00	19.20	24.00		2.7120	0.00133	2038.34

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	05.02.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.02.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

BALAJI LAYOUT-2ND MAIN ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F.H/D x 0.11 + 0.78	C.C.F N/Sq.mm	E.C.S.C N/Sq.mm	Avg. N/Sq.mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
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3	S-03	95.00	187.80	1.98	7085	136.4	19.25	1.00	19.20	24.00		2.7120	0.00133	2038.34

*As furnished by the Client

Note; A Minimum of three specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
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Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	05.02.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.02.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

BALAJI LAYOUT-2ND MAIN ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

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For Karnataka Material Test House Pvt Ltd.,

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Karnataka Material Test House Pvt. Ltd. * Bangalore *

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/CCKerbs/3022/2022-23	Date	05.02.2023

TEST RESULTS ON CEMENT CONCRETE KERBS SAMPLES

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	02.02.2023
Source of Sample	Supplied by the Client
Number of Specimens*	3 No`s Cement Concrete Kerbs
Size & Shape of Sample	Kerbs Length -450mm, Height-400mm,Width-(top-114+bottom-165)mm

JAMIA MASID ROAD

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

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1	S-01	95.00	189.86	2.00	7085	135.8	19.17	1.00	19.17	23.96	24.3	2.6840	0.00135	1995.41
2	S-02	95.00	188.90	1.99	7085	136.4	19.25	1.00	19.23	24.04		2.6920	0.00134	2011.53
3	S-03	95.00	187.80	1.98	7085	136.4	19.25	1.00	19.20	24.00		2.7120	0.00133	2038.34

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For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Solid Block/3018/2022-23	Date	14.12.2022

TEST RESULTS ON SOLID BLOCKS

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	12.12.2022
Source of Sample	Supplied by the Client
Size & Shape of Sample	6" SOLID BLOCKS
Technical Referance	IS : 2185 (Part I) - 2005

2ND MAIN ROAD-BALAJI LAYOUT

COMPRESSIVE STRENGTH

Sl No	*Identification of members	Dimensions in mm			Nominal Area (mm2)	Dry Weight of sample in gm	Max. Failure Load in KN	Ind. Compressive Strength N/mm2	Average Compressive Strength- N/mm2
		L	B	H					
6" Block									
1	Sample-01	399.80	200.00	150.00	59970.00	24986.00	306.20	5.11	5.11
2	Sample-02	400.00	199.88	150.00	60000.00	25162.00	310.70	5.18	5.18
3	Sample-03	398.80	199.86	149.98	59812.02	24886.00	310.40	5.19	5.19
4	Sample-04	399.80	200.00	150.00	59970.00	25364.00	316.20	5.27	5.27
5	Sample-05	400.00	200.00	149.99	59996.00	25418.00	309.70	5.16	5.16

**As furnished by the client*

Remarks ***Above Sample confirms to the requirements of IS-2185 (Part-1) 2005 Table 2.0, Clause 5.1, 5.2 & 9.4) Page No-4 Passes the test***

For **Karnataka Material Test House Pvt Ltd.,**

Checked & Prepared by
K S Nagaraj BE(Civil)
Director

Karnataka Material Test House Pvt. Ltd. Bangalore

End of Report.....

Approved by
B.Narayanaswamy BE(Civil)
Managing Director

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Solid Block/3021/2022-23			Date	21.01.2023

TEST RESULTS ON SOLID BLOCKS

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	18.01.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	6" SOLID BLOCKS
Technical Referance	IS : 2185 (Part I) - 2005

Srindhi Layout 8th B Main Rd

COMPRESSIVE STRENGTH

Sl No	*Identification of members	Dimensions In mm			Nominal Area (mm2)	Dry Weight of sample in gm	Max. Failure Load in KN	Ind. Compressive Strength N/mm2	Average Compressive Strength-N/mm2
		L	B	H					
6" Block									
1	Sample-01	399.98	199.99	149.89	59953.00	25426.00	309.80	5.17	5.17
2	Sample-02	399.89	199.88	150.00	59983.50	24986.00	310.50	5.18	5.18
3	Sample-03	400.00	200.00	149.98	59992.00	25264.00	306.80	5.11	5.11
4	Sample-04	398.96	199.89	150.00	59844.00	25124.00	312.40	5.22	5.22
5	Sample-05	398.97	200.00	149.99	59841.51	24986.00	311.90	5.21	5.21

**As furnished by the client*

Remarks ***Above Sample confirms to the requirements of IS-2185 (Part-1) 2005 Table 2.0, Clause 5.1, 5.2 & 9.4) Page No-4***
Passes the test

For Karnataka Material Test House Pvt Ltd.,

Checked & Prepared by
K S Nagaraj BE(Civil)
Director

Karnataka Material Test House Pvt. Ltd. * Bangalore *

.....End of Report.....

Approved by
B.Narayanaswamy BE(Civil)
Managing Director

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing , Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Solid Block/3019/2022-23	Date	28.01.2023

TEST RESULTS ON SOLID BLOCKS

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	23.01.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	6" SOLID BLOCKS
Technical Referance	IS : 2185 (Part I) - 2005

JAMIA MASJID ROAD

COMPRESSIVE STRENGTH

Sl No	*Identification of members	Dimensions in mm			Nominal Area (mm2)	Dry Weight of sample in gm	Max. Failure Load in KN	Ind. Compressive Strength N/mm2	Average Compressive Strength- N/mm2
		L	B	H					
6" Block									
1	Sample-01	399.98	200.00	150.00	59997.00	25268.00	311.20	5.19	5.19
2	Sample-02	400.00	200.00	150.00	60000.00	25462.00	312.60	5.21	5.21
3	Sample-03	400.00	200.00	149.98	59992.00	24986.00	308.40	5.14	5.14
4	Sample-04	398.98	199.89	150.00	59847.00	25326.00	316.40	5.29	5.29
5	Sample-05	400.00	199.88	149.97	59988.00	24586.00	312.80	5.21	5.21

**As furnished by the client*

Remarks ***Above Sample confirms to the requirements of IS-2185 (Part-1) 2005 Table 2.0, Clause 5.1, 5.2 & 9.4) Page No-4***
Passes the test

For **Karnataka Material Test House Pvt Ltd.,**

Checked & Prepared by
K S Nagaraj BE(Civil)
Director

Karnataka Material Test House Pvt Ltd. * Bangalore * Engineers

Approved by
B.Narayanaswamy BE(Civil)
Managing Director

AEE (VRP) SD

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing , Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Solid Block/3020/2022-23			Date	12.02.2023

TEST RESULTS ON SOLID BLOCKS

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	10.02.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	6" SOLID BLOCKS
Technical Referance	IS : 2185 (Part I) - 2005

Srindhi Layout 2nd Cross Road

COMPRESSIVE STRENGTH

Sl No	*Identification of members	Dimensions in mm			Nominal Area (mm2)	Dry Weight of sample in gm	Max. Failure Load in KN	Ind. Compressive Strength N/mm2	Average Compressive Strength- N/mm2
		L	B	H					
6" Block									
1	Sample-01	400.00	200.00	149.89	59956.00	25426.00	309.80	5.17	5.17
2	Sample-02	399.89	199.88	150.00	59983.50	24986.00	310.50	5.18	5.18
3	Sample-03	400.00	200.00	149.98	59992.00	25264.00	306.80	5.11	5.11
4	Sample-04	398.98	199.89	150.00	59847.00	25124.00	312.40	5.22	5.22
5	Sample-05	398.97	200.00	149.99	59841.51	24986.00	311.90	5.21	5.21

**As furnished by the client*

Remarks ***Above Sample confirms to the requirements of IS-2185 (Part-1) 2005 Table 2.0, Clause 5.1, 5.2 & 9.4) Page No-4***
Passes the test

For Karnataka Material Test House Pvt Ltd.,

Checked & Prepared by
K S Nagaraj BE(Civil)
Director

Karnataka Material Test House Pvt. Ltd. * Bangalore *

.....End of Report.....

Approved by
B.Narayanaswamy BE(Civil)
Managing Director

AEE (VRP) SD

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Solid Block/3022/2022-23			Date	16.02.2023

TEST RESULTS ON SOLID BLOCKS

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Sample Received	14.02.2023
Source of Sample	Supplied by the Client
Size & Shape of Sample	6" SOLID BLOCKS
Technical Referance	IS : 2185 (Part I) - 2005

Teacher Layout 2nd Main Rd

COMPRESSIVE STRENGTH

Sl No	*Identification of members	Dimensions in mm			Nominal Area (mm2)	Dry Weight of sample in gm	Max. Failure Load in KN	Ind. Compressive Strength N/mm2	Average Compressive Strength- N/mm2
		L	B	H					
6" Block									
1	Sample-01	400.00	200.00	149.89	59956.00	25426.00	309.80	5.17	5.17
2	Sample-02	399.89	199.88	150.00	59983.50	24986.00	310.50	5.18	5.18
3	Sample-03	398.97	200.00	149.99	59841.51	25264.00	306.80	5.13	5.13
4	Sample-04	398.98	199.89	150.00	59847.00	25124.00	312.40	5.22	5.22
5	Sample-05	400.00	200.00	149.89	59956.00	24986.00	311.90	5.20	5.20

**As furnished by the client*

Remarks ***Above Sample confirms to the requirements of IS-2185 (Part-1) 2005 Table 2.0, Clause 5.1, 5.2 & 9.4) Page No-4 Passes the test***

For Karnataka Material Test House Pvt Ltd.,

Checked & Prepared by
K S Nagaraj BE(Civil)
Director

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

End of Report.....

Approved by
B.Narayanaswamy BE(Civil)
Managing Director

AEE (VRP) SD

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/WMM/3052/2022-23	Date	20.02.2023

TEST REPORT ON WET MIX MACADAM (WMM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	17.02.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH Specifications

Jamia Masid Road

WMM MATERIAL ***10000***

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
53	0	0	0.00	100.00	100
45	296.8	296.8	2.97	97.03	95-100
22.4	2489.2	2786	27.86	72.14	60-80
11.2	2058.4	4844.4	48.44	51.56	40-60
4.75	1320.4	6164.8	61.65	38.35	25-40
2.36	1552.4	7717.2	77.17	22.83	15-30
0.6	771.4	8488.6	84.89	15.11	8--22
0.75	1125.2	9613.8	96.14	3.86	0-5

Sl No	Name of the Test	Results Obtained	Specification as per MORTH
1	Water Absorption	1.02	Should not be more than 2%
2	Flakiness & Elongation Index	22.2%	Shall not be more than 40%
3	Aggregate Crushing Value	19.6%	Shall not be more than 30%
3	Plasticity Index	NP	Shall not more than 6

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. Bangalore

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/WMM/3053/2022-23	Date	24.02.2023

TEST REPORT ON WET MIX MACADAM (WMM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	21.02.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH Specifications

Jamia Masid Road

WMM MATERIAL ***10000***

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
53	0	0	0.00	100.00	100
45	310.2	310.2	3.10	96.90	95-100
22.4	2568.4	2878.6	28.79	71.21	60-80
11.2	1684.2	4562.8	45.63	54.37	40-60
4.75	1752.4	6315.2	63.15	36.85	25-40
2.36	1002.6	7317.8	73.18	26.82	15-30
0.6	926.4	8244.2	82.44	17.56	8--22
0.75	1324.6	9568.8	95.69	4.31	0-5

Sl No	Name of the Test	Results Obtained	Specification as per MORTH
1	Water Absorption	0.97%	Should not be more than 2%
2	Flakiness & Elongation Index	25.6%	Shall not be more than 40%
3	Aggregate Crushing Value	19.6%	Shall not be more than 30%
3	Plasticity Index	NP	Shall not more than 6

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/WMM/3054/2022-2023	Date	08.03.2023

TEST REPORT ON WET MIX MACADAM (WMM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	06.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH Specifications

Srindhi Layout 8th Main Rd

WMM MATERIAL ***10000***

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
53	0	0	0.00	100.00	100
45	296.8	296.8	2.97	97.03	95-100
22.4	2489.2	2786	27.86	72.14	60-80
11.2	2058.4	4844.4	48.44	51.56	40-60
4.75	1320.4	6164.8	61.65	38.35	25-40
2.36	1552.4	7717.2	77.17	22.83	15-30
0.6	771.4	8488.6	84.89	15.11	8--22
0.75	1125.2	9613.8	96.14	3.86	0-5

Sl No	Name of the Test	Results Obtained	Specification as per MORTH
1	Water Absorption	1.02	Should not be more than 2%
2	Flakiness & Elongation Index	22.2%	Shall not be more than 40%
3	Aggregate Crushing Value	19.6%	Shall not be more than 30%
3	Plasticity Index	NP	Shall not more than 6

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt Ltd. * Bangalore *

Approved by
Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/WMM/3055/2022-2023	Date	09.03.2023

TEST REPORT ON WET MIX MACADAM (WMM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	08.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH Specifications

Srindhi Layout 8th Main Rd

WMM MATERIAL ***10000***

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
53	0	0	0.00	100.00	100
45	310.2	310.2	3.10	96.90	95-100
22.4	2568.4	2878.6	28.79	71.21	60-80
11.2	1684.2	4562.8	45.63	54.37	40-60
4.75	1752.4	6315.2	63.15	36.85	25-40
2.36	1002.6	7317.8	73.18	26.82	15-30
0.6	926.4	8244.2	82.44	17.56	8--22
0.75	1324.6	9568.8	95.69	4.31	0-5

Sl No	Name of the Test	Results Obtained	Specification as per MORTH
1	Water Absorption	0.97%	Should not be more than 2%
2	Flakiness & Elongation Index	25.6%	Shall not be more than 40%
3	Aggregate Crushing Value	19.6%	Shall not be more than 30%
3	Plasticity Index	NP	Shall not more than 6

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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3)Any correction in the report will be invalid.

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No+A1:K2A1:K	KMTH/DGBM/3058/2022-23	Date	29.02.2023

TEST REPORT ON DENSE GRADED BITUMINOUS MACADAM(DGBM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	27.02.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS

Jamia masid Road

BM MATERIAL	***Weight of sample taken***	***1000***	***gm***	***GRADE-II***

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
37.5	0.0	0	0.00	100.00	100
26.5	61.8	61.8	6.18	93.82	90-100
19	235.2	297	29.70	70.30	71-95
13.2	165.4	462.4	46.24	53.76	56-80
4.75	120.4	582.8	58.28	41.72	38-54
2.36	119.6	702.4	70.24	29.76	28-42
0.3	145.2	847.6	84.76	15.24	7--21
0.075	112.2	959.8	95.98	4.02	2--8

Percentage of Bitumen

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	521.2	498.2	23.00	4.41
2	519.4	495.6	23.80	4.58
3	516.4	489.4	27.00	5.23
4	518.2	496.2	22.00	4.25

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/DGBM/3059/2022-23	Date	02.03.2023

TEST REPORT ON DENSE GRADED BITUMINOUS MACADAM(DGBM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,It T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	28.02.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS

Jamia masid Road

BM MATERIAL	*Weight of sample taken*	*1000*	*gm*	*GRADE-II*

I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
37.5	0.0	0	0.00	100.00	100
26.5	52.4	52.4	5.24	94.76	90-100
19	232.6	285	28.50	71.50	71-95
13.2	142.2	427.2	42.72	57.28	56-80
4.75	100.2	527.4	52.74	47.26	38-54
2.36	162.2	689.6	68.96	31.04	28-42
0.3	186.6	876.2	87.62	12.38	7--21
0.075	96.6	972.8	97.28	2.72	2--8

Percentage of Bitumen

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	510.0	483.6	26.40	5.18
2	512.2	486.0	26.20	5.12
3	510.4	488.6	21.80	4.27
4	514.2	486.8	27.40	5.33

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House PVT LTD

Approved by
Narayanswamy.B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/DGBM/3060/2022-2023	Date	13.03.2023

TEST REPORT ON DENSE GRADED BITUMINOUS MACADAM(DGBM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore - 92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	10.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS

Srindhi Layout 8th Main Rd

BC MATERIAL	***Weight of sample taken***	***1000***	***gm***		***GRADE-II***
I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
37.5	0.0	0	0.00	100.00	100
26.5	66.4	66.4	6.64	93.36	90-100
19	199.6	266	26.60	73.40	71-95
13.2	152.4	418.4	41.84	58.16	56-80
4.75	109.4	527.8	52.78	47.22	38-54
2.36	152.2	680	68.00	32.00	28-42
0.3	196.4	876.4	87.64	12.36	7--21
0.075	97.2	973.6	97.36	2.64	2--8

Percentage of Bitumen

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	511.2	482.6	28.60	5.59
2	512.2	485.4	26.80	5.23
3	513.4	486.2	27.20	5.30
4	515.4	485.4	30.00	5.82

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/DGBM/3061/2022-2023	Date	14.03.2023

TEST REPORT ON DENSE GRADED BITUMINOUS MACADAM(DGBM)

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	11.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS

Srindhi Layout 8th Main Rd

BC MATERIAL	***Weight of sample taken***	***1000***	***gm***		***GRADE-II***
IS Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
37.5	0.0	0	0.00	100.00	100
26.5	58.4	58.4	5.84	94.16	90-100
19	252.4	310.8	31.08	68.92	71-95
13.2	162.4	473.2	47.32	52.68	56-80
4.75	120.2	593.4	59.34	40.66	38-54
2.36	122.2	715.6	71.56	28.44	28-42
0.3	156.4	872	87.20	12.80	7--21
0.075	96.2	968.2	96.82	3.18	2--8

Percentage of Bitumen

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	512.6	482.4	30.20	5.89
2	509.4	481.2	28.20	5.54
3	510.2	482.4	27.80	5.45
4	510.2	480.2	30.00	5.88

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/BC/3055/2022-23	Date	04.03.2023

TEST REPORT ON BITUMIOUS CONCRETE

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	02.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS
Jamia Masid Road	

BC MATERIAL	*Weight of sample taken*	*1000*	*gm*		*GRADE-II*
I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
19	0.0	0	0.00	100.00	100
13.2	41.8	41.8	4.18	95.82	90-100
9.5	233.4	275.2	27.52	72.48	70-88
4.75	143.6	418.8	41.88	58.12	53-71
2.36	99.8	518.6	51.86	48.14	42-58
1.18	73.4	592	59.20	40.80	34-48
0.6	82.4	674.4	67.44	32.56	26-38
0.3	79.6	754	75.40	24.60	18-28
0.15	87.4	841.4	84.14	15.86	12--20
0.075	99.2	940.6	94.06	5.94	4--10

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	520.2	489.4	30.80	5.92
2	517.4	488.6	28.80	5.57
3	516.2	488.2	28.00	5.42
4	511.8	482.2	29.60	5.78

* *As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K.S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

eport No	KMTH/BC/3056/2022-23	Date	06.03.2023

TEST REPORT ON BITUMIOUS CONCRETE

ame of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
ame of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
hird Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
lame of Project & Address	Package-7 Consists of 7 Works
Vork Order No	BBMP/EE/BTP/WO/77/2022-23
ob Code No	009-23-000004
)ate of Testing	02.03.2023
ource of Sample	Supplied by the Client
echnical Referance	MORTH SPECIFICATIONS
amia Masid Road	

BC MATERIAL	*Weight of sample taken*	*1000*	*gm*		*GRADE-II*
I S Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
19	0.0	0	0.00	100.00	100
13.2	42.6	42.6	4.26	95.74	90-100
9.5	250.2	292.8	29.28	70.72	70-88
4.75	139.2	432	43.20	56.80	53-71
2.36	101.2	533.2	53.32	46.68	42-58
1.18	76.4	609.6	60.96	39.04	34-48
0.6	80.2	689.8	68.98	31.02	26-38
0.3	82.6	772.4	77.24	22.76	18-28
0.15	75.6	848	84.80	15.20	12--20
0.075	100.2	948.2	94.82	5.18	4--10

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	500.0	472.4	27.60	5.52
2	500.0	470.6	29.40	5.88
3	502.0	471.4	30.60	6.10
4	506.0	476.8	29.20	5.77

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. ★ Bangalore ★

Approved by
Narayanswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

rt No	KMTH/BC/3057/2022-23	Date	17.03.02023

TEST REPORT ON BITUMIOUS CONCRETE

e of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
e of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
d Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
e of Project & Address	Package-7 Consists of 7 Works
Order No	BBMP/EE/BTP/WO/77/2022-23
Code No	009-23-000004
e of Testing	16.03.2023
rce of Sample	Supplied by the Client
hnical Referance	MORTH SPECIFICATIONS

idhi Layout 8th Main rd

MATERIAL	*Weight of sample taken*	*1000*	*gm*		*GRADE-II*
Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
19	0.0	0	0.00	100.00	100
13.2	33.6	33.6	3.36	96.64	90-100
9.5	264.5	298.1	29.81	70.19	70-88
4.75	150.2	448.3	44.83	55.17	53-71
2.36	103.8	552.1	55.21	44.79	42-58
1.18	87.4	639.5	63.95	36.05	34-48
0.6	88.6	728.1	72.81	27.19	26-38
0.3	76.4	804.5	80.45	19.55	18-28
0.15	87.4	891.9	89.19	10.81	12--20
0.075	55.4	947.3	94.73	5.27	4--10

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	510.4	480.2	30.20	5.92
2	506.4	476.2	30.20	5.96
3	502.2	472.8	29.40	5.85
4	507.4	478.6	28.80	5.68

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Karnataka Material Test House Pvt Ltd. Bangalore

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/BC/3058/2022-23	Date	17.03.02023

TEST REPORT ON BITUMIOUS CONCRETE

Name of Client & Address	Bruhat Bengaluru Mahanagara Palike Office of Executive Engineer Byatarayanapura Division, No2152/20,Defence Colony , Sahakara Nagara , Bangalore -92
Name of Agency & Address	Sri K lakhsminarayana Reddy, No. 1,15th Cross,Kanakanagar,R T Nagar Post Bengaluru-560032.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Package-7 Consists of 7 Works
Work Order No	BBMP/EE/BTP/WO/77/2022-23
Job Code No	009-23-000004
Date of Testing	16.03.2023
Source of Sample	Supplied by the Client
Technical Referance	MORTH SPECIFICATIONS

Srindhi Layout 8th Main Rd

BC MATERIAL	*Weight of sample taken*	*1000*	*gm*	*GRADE-II*
IS Sieve in mm	Wt retained (gms)	Cumulative Weight Retained	Cumulative % Retained	% Passing	% of Passing as per MORTH
19	0.0	0	0.00	100.00	100
13.2	29.6	29.6	2.96	97.04	90-100
9.5	253.2	282.8	28.28	71.72	70-88
4.75	164.2	447	44.70	55.30	53-71
2.36	112.4	559.4	55.94	44.06	42-58
1.18	95.4	654.8	65.48	34.52	34-48
0.6	106.2	761	76.10	23.90	26-38
0.3	54.2	815.2	81.52	18.48	18-28
0.15	66.8	882	88.20	11.80	12--20
0.075	74.9	956.9	95.69	4.31	4--10

Sl No	Wt of Sample before washing in gm	Wt of Dry Aggregates after Washing in gm	Wt of Bitumen in gm	Percentage of Bitumen Content in %
1	507.0	476.8	30.20	5.96
2	506.4	475.4	31.00	6.12
3	506.0	475.6	30.40	6.01
4	506.0	476.6	29.40	5.81

** As furnished by the client*

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

Karnataka Material Test House Pvt. Ltd. * Bangalore *

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